

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 22-Feb-09 | 900 | 9.8 | 264 | W | 54.0 | 29.3 | 9.3 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1000 | 12.4 | 238 | WSW | 51.9 | 34.0 | 11.1 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1100 | 8.6 | 217 | SW | 50.2 | 34.9 | 5.5 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1200 | 7.3 | 181 | S | 50.9 | 60.7 | 14.7 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1300 | 7.1 | 181 | S | 50.6 | 71.8 | 12.4 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1400 | 9.8 | 93 | E | 50.7 | 110.4 | 22.9 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1500 | 10.7 | 98 | E | 51.2 | 116.5 | 27.1 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1600 | 11.0 | 94 | E | 51.6 | 93.2 | 24.8 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1700 | 9.1 | 99 | E | 50.6 | 71.0 | 23.9 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1800 | 9.2 | 127 | SE | 49.3 | 66.8 | 19.6 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 1900 | 8.1 | 166 | SSE | 49.1 | 68.2 | 23.2 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 2000 | 7.1 | 170 | S | 50.1 | 86.6 | 24.7 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 2100 | 7.9 | 165 | SSE | 48.5 | 85.4 | 25.7 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 2200 | 7.6 | 171 | S | 50.2 | 74.4 | 28.2 | 0 | 0 | 0 | 0 |
| 22-Feb-09 | 2300 | 9.8 | 190 | S | 52.7 | 80.3 | 24.6 | 0 | 1 | 0 | 0 |
| 22-Feb-09 | 2400 | 13.6 | 197 | SSW | 51.5 | 86.8 | 25.4 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 23-Feb-09 | 100 | 10.3 | 198 | SSW | 48.2 | 72.6 | 27.7 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 200 | 10.5 | 215 | SW | 49.5 | 57.6 | 19.0 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 300 | 10.1 | 225 | SW | 52.5 | 67.0 | 23.0 | 0 | 1 | 0 | 0 |
| 23-Feb-09 | 400 | 8.3 | 225 | SW | 45.2 | 60.1 | 17.9 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 500 | 7.0 | 238 | WSW | 45.4 | 48.9 | 12.6 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 600 | 5.6 | 246 | WSW | 45.6 | 43.0 | 11.3 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 700 | 6.6 | 251 | WSW | 49.7 | 33.7 | 8.2 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 800 | 8.8 | 248 | WSW | 50.9 | 23.3 | 7.0 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 900 | 16.3 | 280 | W | 50.9 | 14.6 | 2.1 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1000 | 18.6 | 279 | W | 49.2 | 14.1 | 5.9 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1100 | 19.6 | 283 | WNW | 48.5 | 12.8 | 6.6 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1200 | 18.4 | 279 | W | 50.3 | 10.8 | 2.1 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1300 | 19.3 | 284 | WNW | 49.8 | 12.7 | 8.1 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1400 | 14.4 | 254 | WSW | 49.5 | 27.1 | 11.5 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1500 | 12.2 | 233 | SW | 50.0 | 43.7 | 11.3 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1600 | 13.1 | 235 | SW | 50.4 | 29.3 | 14.3 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 23-Feb-09 | 1700 | 13.9 | 240 | WSW | 48.4 | 20.3 | 7.4 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1800 | 10.7 | 208 | SSW | 48.9 | 70.1 | 17.0 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 1900 | 16.2 | 249 | WSW | 47.3 | 20.3 | 6.2 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 2000 | 22.4 | 271 | W | 49.5 | 5.1 | 3.6 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 2100 | 15.0 | 278 | W | 44.2 | 7.1 | 2.0 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 2200 | 12.1 | 278 | W | 43.6 | 5.2 | 1.2 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 2300 | 18.6 | 278 | W | 45.2 | 5.2 | 0.8 | 0 | 0 | 0 | 0 |
| 23-Feb-09 | 2400 | 22.8 | 267 | W | 49.9 | 5.9 | 2.0 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 100 | 24.0 | 262 | W | 50.1 | 4.4 | 0.9 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 200 | 20.7 | 268 | W | 46.3 | 3.6 | 1.6 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 300 | 16.1 | 286 | WNW | 42.2 | 3.8 | 1.9 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 400 | 16.6 | 292 | WNW | 42.1 | 5.0 | 2.8 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 500 | 20.4 | 283 | WNW | 45.9 | 6.6 | 3.0 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 600 | 22.3 | 268 | W | 49.2 | 5.2 | 2.6 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 700 | 20.3 | 272 | W | 48.9 | 6.6 | 1.1 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 800 | 19.3 | 275 | W | 50.8 | 6.0 | 1.3 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 24-Feb-09 | 900 | 20.8 | 310 | NW | 51.8 | 7.8 | 1.9 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1000 | 22.8 | 316 | NW | 52.5 | 11.0 | 1.6 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1100 | 14.0 | 331 | NNW | 48.8 | 9.4 | 3.3 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1200 | 14.2 | 330 | NNW | 50.3 | 8.2 | 1.1 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1300 | 14.5 | 330 | NNW | 49.8 | 4.4 | 0.8 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1400 | 15.7 | 346 | NNW | 50.4 | 8.8 | 1.9 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1500 | 13.6 | 19 | NNE | 51.0 | 10.0 | 1.6 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1600 | 14.0 | 35 | NE | 53.2 | 18.3 | 2.1 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1700 | 10.7 | 46 | NE | 51.6 | 15.3 | 5.1 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1800 | 8.5 | 67 | ENE | 51.5 | 13.5 | 2.3 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 1900 | 7.2 | 180 | S | 49.5 | 37.6 | 6.9 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 2000 | 7.2 | 187 | S | 49.2 | 46.1 | 7.0 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 2100 | 9.9 | 205 | SSW | 50.6 | 40.0 | 11.8 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 2200 | 12.8 | 209 | SSW | 48.6 | 27.1 | 8.2 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 2300 | 11.8 | 216 | SW | 48.9 | 15.8 | 6.4 | 0 | 0 | 0 | 0 |
| 24-Feb-09 | 2400 | 12.7 | 250 | WSW | 44.7 | 11.5 | 4.9 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 25-Feb-09 | 100 | 17.6 | 286 | WNW | 42.8 | 3.0 | 0.8 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 200 | 21.1 | 296 | WNW | 46.2 | 3.2 | 0.6 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 300 | 19.1 | 295 | WNW | 44.1 | 4.7 | 1.5 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 400 | 17.9 | 295 | WNW | 43.4 | 1.6 | 0.4 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 500 | 17.8 | 296 | WNW | 43.2 | 4.0 | 0.6 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 600 | 18.0 | 285 | WNW | 43.3 | 1.7 | 0.6 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 700 | 13.3 | 272 | W | 47.0 | 2.8 | 0.8 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 800 | 15.8 | 262 | W | 48.8 | 2.1 | 0.9 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 900 | 14.7 | 271 | W | 50.7 | 3.0 | 1.1 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1000 | 15.5 | 269 | W | 49.0 | 2.4 | 1.5 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1100 | 16.9 | 263 | W | 51.1 | 5.7 | 3.3 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1200 | 21.0 | 269 | W | 51.7 | 2.6 | 0.7 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1300 | 21.9 | 267 | W | 52.1 | 1.4 | 1.0 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1400 | 16.6 | 243 | WSW | 52.0 | 3.4 | 1.9 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1500 | 19.7 | 252 | WSW | 51.7 | 3.5 | 0.6 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1600 | 17.7 | 262 | W | 50.8 | 1.7 | 1.2 | 0 | 0 | 0 | 0 |

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|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 25-Feb-09 | 1700 | 18.2 | 266 | W | 49.4 | 2.4 | 0.5 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1800 | 14.6 | 272 | W | 48.3 | 2.3 | 1.1 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 1900 | 14.1 | 271 | W | 46.8 | 2.9 | 0.4 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 2000 | 15.9 | 272 | W | 46.3 | 3.6 | 1.3 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 2100 | 17.7 | 276 | W | 46.7 | 4.5 | 2.7 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 2200 | 21.0 | 284 | WNW | 47.7 | 2.3 | 1.1 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 2300 | 14.5 | 271 | W | 46.0 | 1.9 | 0.5 | 0 | 0 | 0 | 0 |
| 25-Feb-09 | 2400 | 15.4 | 280 | W | 44.5 | 2.6 | 0.9 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 100 | 14.8 | 283 | WNW | 42.8 | 2.8 | 1.6 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 200 | 14.8 | 281 | W | 42.4 | 1.5 | 0.5 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 300 | 13.9 | 275 | W | 42.9 | 2.8 | 1.2 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 400 | 15.3 | 280 | W | 41.8 | 2.8 | 1.8 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 500 | 14.3 | 277 | W | 42.0 | 0.9 | 0.8 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 600 | 13.8 | 275 | W | 42.9 | 1.2 | 0.6 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 700 | 13.1 | 274 | W | 47.2 | 2.5 | 1.4 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 800 | 13.8 | 282 | WNW | 50.7 | 2.9 | 0.5 | 0 | 0 | 0 | 0 |

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|---|----------------------|--------------------|------------------------|-----------------------|-----------------------------------|-----------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | 1 Hour Average – 80 ug/m3 | | | | | | |
| TSP | | | | | 1 Hour Average – 267 ug/m3 | | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 26-Feb-09 | 900 | 12.2 | 274 | W | 52.8 | 2.9 | 0.5 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1000 | 8.7 | 245 | WSW | 50.2 | 10.2 | 1.1 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1100 | 9.4 | 194 | SSW | 50.0 | 31.2 | 2.1 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1200 | 13.6 | 173 | S | 51.2 | 20.0 | 5.2 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1300 | 20.3 | 168 | SSE | 55.0 | 21.1 | 4.9 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1400 | 21.9 | 180 | S | 56.9 | 15.1 | 1.2 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1500 | 21.0 | 185 | S | 55.8 | 16.0 | 2.5 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1600 | 19.2 | 178 | S | 54.2 | 13.1 | 1.3 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1700 | 17.7 | 175 | S | 52.3 | 25.9 | 4.2 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1800 | 13.1 | 180 | S | 50.4 | 28.5 | 9.4 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 1900 | 9.9 | 179 | S | 52.2 | 31.2 | 5.0 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 2000 | 11.2 | 189 | S | 51.1 | 29.5 | 5.5 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 2100 | 10.1 | 179 | S | 49.3 | 31.0 | 9.8 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 2200 | 8.5 | 166 | SSE | 48.5 | 37.1 | 8.6 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 2300 | 10.7 | 208 | SSW | 48.9 | 23.5 | 7.2 | 0 | 0 | 0 | 0 |
| 26-Feb-09 | 2400 | 5.8 | 232 | SW | 47.3 | 25.7 | 8.9 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 27-Feb-09 | 100 | 7.7 | 169 | S | 48.0 | 21.7 | 8.8 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 200 | 6.7 | 232 | SW | 48.6 | 13.1 | 4.2 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 300 | 4.5 | 266 | W | 46.1 | 13.2 | 2.8 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 400 | 5.9 | 270 | W | 42.0 | 5.0 | 1.7 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 500 | 7.7 | 217 | SW | 43.2 | 5.6 | 3.1 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 600 | 8.4 | 253 | WSW | 44.1 | 10.3 | 1.5 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 700 | 8.7 | 295 | WNW | 46.5 | 6.1 | 3.7 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 800 | 5.6 | 233 | SW | 46.2 | 5.1 | 1.2 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 900 | 5.0 | 248 | WSW | 48.4 | 7.2 | 1.6 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1000 | 5.4 | 305 | NW | 48.6 | 16.2 | 3.2 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1100 | 3.9 | 196 | SSW | 46.8 | 20.7 | 4.1 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1200 | 6.9 | 157 | SSE | 47.8 | 46.7 | 6.2 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1300 | 7.2 | 205 | SSW | 49.3 | 20.5 | 2.4 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1400 | 6.2 | 221 | SW | 46.9 | 9.0 | 0.5 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1500 | 6.8 | 272 | W | 46.1 | 4.3 | 1.2 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1600 | 12.0 | 165 | SSE | 48.2 | 52.3 | 11.3 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 27-Feb-09 | 1700 | 11.8 | 185 | S | 47.2 | 28.1 | 5.9 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1800 | 13.0 | 191 | S | 47.9 | 43.4 | 12.9 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 1900 | 11.1 | 196 | SSW | 48.0 | 52.2 | 13.1 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 2000 | 12.0 | 214 | SW | 47.9 | 42.5 | 10.2 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 2100 | 12.2 | 220 | SW | 46.3 | 37.1 | 8.6 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 2200 | 11.4 | 268 | W | 47.2 | 20.6 | 5.8 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 2300 | 17.3 | 290 | WNW | 44.9 | 3.4 | 2.0 | 0 | 0 | 0 | 0 |
| 27-Feb-09 | 2400 | 19.3 | 295 | WNW | 45.2 | 3.4 | 0.6 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 100 | 21.5 | 292 | WNW | 46.3 | 1.7 | 1.3 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 200 | 20.1 | 291 | WNW | 44.9 | 4.8 | 1.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 300 | 17.9 | 299 | WNW | 44.5 | 2.7 | 1.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 400 | 16.2 | 309 | NW | 44.2 | 2.5 | 0.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 500 | 17.7 | 302 | WNW | 44.0 | 4.9 | 0.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 600 | 19.2 | 299 | WNW | 45.0 | 1.8 | 0.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 700 | 18.3 | 303 | WNW | 46.3 | 1.1 | 0.7 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 800 | 18.0 | 299 | WNW | 45.0 | 1.4 | 0.6 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 28-Feb-09 | 900 | 17.7 | 305 | NW | 45.8 | 1.3 | 0.4 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1000 | 15.8 | 302 | WNW | 47.1 | 1.2 | 1.0 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1100 | 15.7 | 314 | NW | 46.5 | 5.0 | 2.6 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1200 | 14.7 | 339 | NNW | 47.2 | 1.3 | 1.0 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1300 | 11.0 | 24 | NNE | 45.4 | 2.2 | 1.0 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1400 | 11.1 | 33 | NNE | 47.4 | 1.9 | 0.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1500 | 12.2 | 57 | ENE | 47.6 | 1.2 | 1.0 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1600 | 12.8 | 106 | ESE | 46.6 | 5.8 | 0.9 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1700 | 11.6 | 121 | ESE | 47.3 | 6.5 | 1.2 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1800 | 10.9 | 144 | SE | 47.5 | 14.6 | 2.7 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 1900 | 10.6 | 181 | S | 47.0 | 44.3 | 12.1 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 2000 | 10.2 | 194 | SSW | 46.4 | 51.9 | 16.7 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 2100 | 9.6 | 205 | SSW | 46.3 | 49.2 | 16.6 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 2200 | 11.2 | 216 | SW | 46.4 | 33.8 | 9.8 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 2300 | 11.3 | 229 | SW | 46.0 | 26.1 | 8.0 | 0 | 0 | 0 | 0 |
| 28-Feb-09 | 2400 | 10.0 | 243 | WSW | 43.5 | 21.6 | 7.2 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|-------------------------------|--------------------------|------------------------------|-----------------------------|--------------|-----------------------------------|----------------|----------------------------------|--|--|--|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1-Mar-09 | 100 | 12.2 | 254 | WSW | 43.5 | 10.8 | 1.7 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 200 | 13.2 | 257 | WSW | 42.6 | 2.0 | 0.7 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 300 | 12.1 | 269 | W | 42.1 | 1.9 | 0.7 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 400 | 11.0 | 269 | W | 42.3 | 1.4 | 0.7 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 500 | 11.2 | 260 | W | 42.2 | 1.0 | 0.8 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 600 | 10.8 | 254 | WSW | 44.1 | 1.1 | 0.9 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 700 | 9.2 | 255 | WSW | 49.2 | 1.1 | 0.7 | 0 | 0 | 0 | 0 |
| 1-Mar-09 | 800 | 7.2 | 255 | WSW | 52.7 | 2.1 | 1.0 | 0 | 0 | 0 | 0 |